

# Receiving Report

Date: 14/7/16

Batch No: M129 818

Supplier: AIRDYNAMIL

Dart P/O: 24453

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒  
 New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒ N/A ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC18 Inspection ☐ N/A ☒  
 Work Order ☐ N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number
	REFRIGERATOR						

Initials of Receiver

QC12

Production/Admin:

Date

Received/Costing

Initial

Location



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO24453

Purchase Order Date 6/4/2014

PO Print Date 6/4/2014

Page Number 1 of 3

Order From :  
AIR DYNAMICS  
19420B CLARK GRAHAM AVENUE  
BAIE D'URFE, QUEBEC H9X 3R8

VC-AD001

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

FAKED  
CLY/06/14

Contact Name  
Vendor Phone 514-457-4287  
  
Ship To Contact  
Ship To Phone  
Ship Via: Purolator ground collect  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

M 129 767

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	CB200	Acrylic Adhesive, 3.5G	6/6/2014 Yes 6/6/2014		30.00 Each	\$11.50	\$345.00
EXP DATE: STORED IN FRIDGE - APRIL 15/2015 STORED AT ROOM TEMP. EXP OCT 2014							
Line Total:							\$345.00
2	600.1012	Sealant PR1425B2 (#654 semkit)	6/27/2014 Yes 6/27/2014	FN	15.00 Each	\$59.00	\$885.00
Line Total:							\$885.00
3	600.0990	MAGNABOND 6398 PART A	6/27/2014 Yes 6/27/2014	FN	40.00 Each	\$15.00	\$600.00

Note:

6/4/2014



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO24453

Purchase Order Date 6/4/2014

PO Print Date 6/4/2014

Page Number 2 of 3

Order From :  
AIR DYNAMICS  
19420B CLARK GRAHAM AVENUE  
BAIE D'URFE, QUEBEC H9X 3R8

VC-AD001

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone

514-457-4287

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

Purolator ground collect

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

Line Total: \$600.00

4 600.0991

MAGNOBOND 6398  
PART B

6/27/2014 FN

40.00

\$15.00

\$600.00

Yes

6/27/2014

Each

*m 129818*

Line Total: \$600.00

5 71400-35

#3950 EDGE SEALER  
8OZ

6/6/2014

2.00

\$40.00

\$80.00

Yes

6/6/2014

Each

*196/6/13*

EXP DATE: JULY 2015

Line Total: \$80.00

Deliver To: MUFFIN

Note:

6/4/2014



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO24453

Purchase Order Date 6/4/2014

PO Print Date 6/4/2014

Page Number 3 of 3

**Order From :**

VC-AD001

AIR DYNAMICS  
19420B CLARK GRAHAM AVENUE  
BAIE D'URFE, QUEBEC H9X 3R8

**Ship To :** DART AEROSPACE LTD.

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone**

514-457-4287

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

Purolator ground collect

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

FCA - (Free Carrier)

6	71401-45	PROCUREMENT QUALITY CLAUSES	6/27/2014	1.00	\$0.00	\$0.00
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No

6/27/2014

**Procurement Quality Clauses**

A005 RIGHT OF ENTRY

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A013 SHELF LIFE CONTROLLED MATERIAL; 80% SHELF  
LIFE REQUIRED AT RECEIPT

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A043 RETENTION OF QUALITY DOCUMENTS

**Line Total:** \$0.00

**PO Total:** \$2,510.00

**Note:** Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr:

1

Change Date:

6/4/2014



# Certificate Of Compliance

Packing Slip	ORD09028
Document Date	6/13/2014
Page	1

5547 Peachtree Blvd  
Chamblee GA 30341-2296

30606

14 JUL. 2014

## Bill To:

AIR DYNAMICSCO. LTD  
19420B, CLARK GRAHAM AVE.  
BAIE D'URFE/QUEBEC CANADA H9X 3R8

## Ship To:

AIR DYNAMICSCO. LTD  
19420B, CLARK GRAHAM AVE.  
BAIE D'URFE/QUEBEC CANADA H9X 3R8

(514) 457-4287 Ext. 0000

\* Item Shipped Directly from Vendor

Purchase Order No.	Customer ID	Salesperson ID	Shipping Method	Payment Terms	Order Placed By	Ship Date
030606	AIRDY001	INSIDE SALES	FED EX FRT ECON	Prepayment	BRENDA	7/11/2014
Ordered	Shipped	B/O	Item Number	Description	Site	UOM
50	50	0	6398-AB/.25PT	MAGNOLIA 6398-AB .25 PINT KIT Lot # 14F01/14F01	ATL	EA

## Instructions:

MSDS REQUIRED  
SHELF LIFE: 06 MONTHS FROM SHIP DATE @ 75°F OR BELOW OR  
12 MONTHS FROM SHIP DATE @ 40°F OR BELOW  
DATE OF MFG: 06/2014

EXPIRATION DATE: 01/11/15 OR 07/11/15

## Magnolia Advanced Materials, Inc.

Signed:

Greg Bunn  
Technical Director

We certify that the above listed material meets the sales specifications as outlined by the manufacturing procedures of Magnolia Advanced Materials, Inc. and the above listed specification.

The materials process and formulation(s) have not been changed in any way from the original qualified material(s) without prior approval.

Unless otherwise indicated, the country of origin is the USA.

Shelf life certified and applicable on unopened, properly stored containers.



# MATERIAL SAFETY DATA SHEET

Issuing Date no data available

Revision date October 28, 2013

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** Magnobond 6398-A

**Product Code(s)** 6398-A

**Synonyms** Magnolia 6398-A

**Recommended Use** This product contains epoxy constituents that have an average molecular weight of less than or equal to 700.

**Manufacturer:** Magnolia Advanced Materials, Inc.  
5547 Peachtree Blvd.  
Chamblee, GA 30341 USA  
770-451-2777 [8:00 am - 4:30 pm US eastern time zone]

**Emergency telephone number** INFOTRAC 1-352-323-3500 (International) - Account 79439  
1-800-535-5053 (North America) - Account 79439

## 2. Hazards Identification

**appearance** Gray **Physical state** Paste/Gel **Odor** Slight ethereal

### Potential health effects

#### Acute toxicity

**EYES**

Avoid contact with eyes.

**skin**

Avoid contact with skin.

#### Chronic effects

## 3. Composition/information on Ingredients

**Formula** Not Applicable-Mixture

Chemical name	CAS-No	Weight %
Oxiranemethanamine, N,N'-(methylenedi-4,1-phenylene)bis[N-(oxiranylmethyl)-	28768-32-3	30-60
Aluminum	7429-90-5	25-50
Bisphenol A - Epichlorohydrin polymer	25068-38-6	5-15
Dimethyl silicone polymer with silica	67762-90-7	1-5

**Additional Notes** Remaining components are either not hazardous or below threshold limits.

## 4. First aid measures

**General advice** Remove from exposure, lie down. If symptoms persist, call a physician. Do not get in eyes, on skin, or on clothing. MAY CAUSE ALLERGIC SKIN REACTION.

**Eye contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately if symptoms occur.

**Skin contact** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**Inhalation  
INGESTION**

Remove from exposure, lie down. If symptoms persist, call a physician.  
Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water.  
Obtain medical attention.

**Protection of First-aiders**

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**5. Fire-fighting measures****flash point**

&gt; 93.4 °C / &gt; 200 °F

**Suitable extinguishing media**Water spray, dry chemical, carbon dioxide (CO<sub>2</sub>), or foam.**Explosion data****NFPA**

Health hazard 2

flammability 1

stability 0

Physical and Chemical  
Hazards -**6. Accidental release measures****Personal precautions**

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

**OTHER INFORMATION**

Ventilate the area.

**7. Handling and Storage****Handling**

Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from heat, sparks and open flame. No smoking.

**Storage**

Keep away from open flames, hot surfaces and sources of ignition. Keep tightly closed in a dry and cool place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aluminum 7429-90-5	TWA: 1 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>

**Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment****Hygiene Measures**

Wash hands before breaks and at the end of workday.

**9. Physical and Chemical Properties**

appearance	Gray	Odor	Slight ethereal
Physical state	Paste/Gel		
flash point	> 93.4 °C / > 200 °F	Autoignition temperature	no data available
Boiling Point/Range	> 107.3 °C 225 °F	Flammability Limits in Air	No information available
Explosion Limits	No information available	Water solubility	negligible
Specific gravity	1.25	evaporation rate	(butyl acetate=1): <1
solubility	No information available	vapor density	No information available
vapor pressure	negligible		
viscosity	Data available upon request		

**10. Stability and Reactivity****stability**

Stable under recommended storage conditions.

**Conditions to avoid** Heat, flames and sparks.

**Hazardous decomposition products** Carbon oxides. Phenols. Aromatic hydrocarbons.

**Hazardous polymerization** Hazardous polymerization does not occur.

## 11. Toxicological Information

### Acute toxicity

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Bisphenol A - Epichlorohydrin polymer	11400 mg/kg ( Rat )		

### Chronic toxicity

Chemical name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Bisphenol A - Epichlorohydrin polymer	Group III Chemical		

## 12. Ecological Information

### ecotoxicity

## 13. Disposal Considerations

**Waste Disposal Method** Dispose of in accordance with local regulations.

Chemical name	California Hazardous Waste Status
Aluminum	Ignitable (powder)

## 14. Transport Information

**DOT** Not regulated

### IATA

**UN-No** 3082  
**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (Epoxy resin)  
**Hazard Class** 9  
**Packing group** III

### IMDG/IMO

**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (Epoxy resin)  
**Hazard Class** 9  
**UN-No** 3082  
**Packing group** III  
**EmS No.** F-A, S-F

## 15. Regulatory information

### International Inventories



Chemical name	TSCA	DSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	ALPS	N
Oxiranemethanamine N,N'-(methylenedi-4, 1-phenylene)bis[N-(o- xiranylmethyl)- - 28768-32-3	Present	X	X	(4)-112	X	KE-23914		X	X
Aluminum - 7429-90-5	Present	X	X		X	KE-00881	X	X	X
Bisphenol A - Epichlorohydrin polymer - 25068-38-6	XU	X	X	(7)-1283	X	KE-24000	X	X	X
Dimethyl silicone polymer with silica - 67762-90-7	XU	X			X	KE-31207	X	X	X

Revision date Octol

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS-No	Weight %	SARA 313 - Threshold Values %
Aluminum	7429-90-5	25-50	1.0

**SARA 311/312 Hazard Categories****Chronic Health Hazard**

No

**Fire hazard**

No

**Sudden release of pressure hazard**

No

**Reactive Hazard**

No

**Clean Water Act****CERCLA****U.S. State Regulations**

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Aluminum 7429-90-5 ( 25-50 )	X	X	X		X

**International Regulations****Mexico - Grade**

No information available

Chemical name	Carcinogen Status	Exposure Limits
Aluminum		Mexico: TWA 10 mg/m <sup>3</sup>

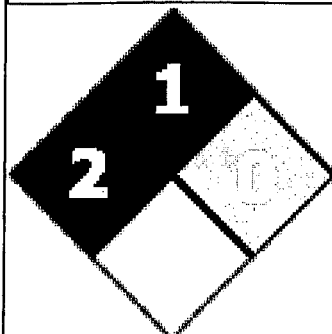


**CANADA**

Chemical name	WHMIS Hazard Class
Aluminum - 7429-90-5	1 B6
Bisphenol A - Epichlorohydrin polymer - 25068-38-6	Uncontrolled product according to WHMIS classification criteria D2B



Chemical name	NPRI
Aluminum	X

**16. Other information**

NFPA	HMIS	PPE	Transport Symbol						
	<table><tr><td></td><td>2</td></tr><tr><td></td><td>1</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>		2		1	Reactivity	0	 	Not regulated
	2								
	1								
Reactivity	0								

**Prepared by**

Magnolia Advanced Materials, Inc.  
5547 Peachtree Blvd.  
Chamblee, GA 30341

**Revision date**

October 28, 2013

**Revision note**

No information available.

**Disclaimer**

This product is intended to be used as a printing fluid. The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS



# MATERIAL SAFETY DATA SHEET

Issuing Date no data available

Revision date October 28, 2013

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** Magnobond 6398-B

**Product Code(s)** 6398-B  
**UN-No** 3267  
**Synonyms** Magnolia 6398-B  
**Recommended Use** Amine curing agent.  
**Manufacturer:** Magnolia Advanced Materials, Inc.  
5547 Peachtree Blvd.  
Chamblee, GA 30341 USA  
770-451-2777 [8:00 am - 4:30 pm US eastern time zone]

**Emergency telephone number** INFOTRAC 1-352-323-3500 (International) - Account 79439  
1-800-535-5053 (North America) - Account 79439

## 2. Hazards Identification

**appearance** Off-white to amber **Physical state** Paste/Gel **Odor** amine

### Potential health effects

**Principle Routes of Exposure** Skin Contact.

### Acute toxicity

**EYES**

Avoid contact with eyes.

**skin**

Avoid contact with skin.

### Chronic effects

## 3. Composition/information on Ingredients

**Formula** Not Applicable-Mixture

Chemical name	CAS-No	Weight %
1-(2-Aminoethyl) piperazine	140-31-8	30-60
Diethylene glycol bis(3-aminopropyl) ether	4246-51-9	15-40
Silica, amorphous, fumed, crystal-free	112945-52-5	5-10

**Additional Notes** Remaining components are either not hazardous or below threshold limits.

## 4. First aid measures

### General advice

Remove from exposure, lie down. If symptoms persist, call a physician. Do not get in eyes, on skin, or on clothing. MAY CAUSE ALLERGIC SKIN REACTION.

### Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately if symptoms occur.

### Skin contact

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

### Inhalation

Remove from exposure, lie down. If symptoms persist, call a physician.

**INGESTION**

Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water.  
Obtain medical attention.

**Protection of First-aiders**

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**5. Fire-fighting measures****flash point**

> 93.4 °C / > 200 °F

**Suitable extinguishing media**

Water spray, dry chemical, carbon dioxide (CO<sub>2</sub>), or foam.

**Explosion data****NFPA**

Health hazard 3

flammability 1

stability 0

Physical and Chemical Hazards -

**6. Accidental release measures****Personal precautions**

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

**OTHER INFORMATION**

Ventilate the area.

**7. Handling and Storage****Handling**

Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from heat, sparks and open flame. No smoking.

**Storage**

Keep away from open flames, hot surfaces and sources of ignition. Keep tightly closed in a dry and cool place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment****Eye/face Protection**

Safety glasses with side-shields.

**Skin and body protection**

Protective gloves.

**Hygiene Measures**

Wash hands before breaks and at the end of workday.

**9. Physical and Chemical Properties****appearance**

Off-white to amber

**Odor**

amine

**Physical state**

Paste/Gel

**flash point**

> 93.4 °C / > 200 °F

**Autoignition temperature**

no data available

**Boiling Point/Range**

> 107.3 °C 225 °F

**Flammability Limits in Air**

No information available

**Explosion Limits**

No information available

**Specific gravity**

1.0

**Water solubility**

negligible

**solubility**

No information available

**evaporation rate**

(butyl acetate=1): <1

**vapor pressure**

negligible

**vapor density**

No information available

**viscosity**

Thixotropic paste

**10. Stability and Reactivity****stability**

Stable under recommended storage conditions. Hygroscopic.

**Conditions to avoid**

Heat, flames and sparks.

**Hazardous decomposition products** Carbon oxides. Nitrogen oxides (NOx). Hydrogen cyanide. Ammonia. Hazardous decomposition products formed under fire conditions.

**Hazardous polymerization** Hazardous polymerization does not occur.

## 11. Toxicological Information

### Acute toxicity

**Product Information** The product itself has not been tested.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
1-(2-Aminoethyl) piperazine	2140 mg/kg ( Rat )	880 mg/kg ( Rabbit )	
Diethylene glycol bis(3-aminopropyl) ether	4290 µL/kg ( Rat )	2500 µL/kg ( Rabbit )	
Silica, amorphous, fumed, crystal-free	3160 mg/kg ( Rat )		

### Chronic toxicity

## 12. Ecological Information

### ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
1-(2-Aminoethyl) piperazine	EC50 = 495 mg/L 72 h	LC50 1950-2460 mg/L Pimephales promelas 96 h LC50> 1000 mg/L Poecilia reticulata 96 h LC50>= 100 mg/L Oncorhynchus mykiss 96 h	EC50 > 10000 mg/L 17 h	= 32 mg/L EC50
Chemical name			Log Pow	
1-(2-Aminoethyl) piperazine			= -1.48	

## 13. Disposal Considerations

**Waste Disposal Method** Dispose of contents/container in accordance with local regulation.

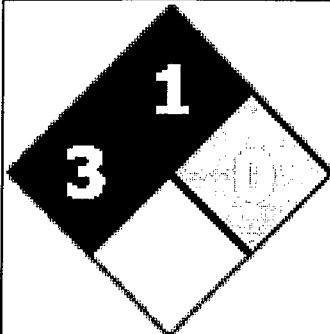


## 14. Transport Information

### DOT

**Proper shipping name** CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (AMINOETHYLPIPERAZINE SOLUTION)  
**Hazard Class** 8 (Corrosive)  
**UN-No** 3267  
**Packing group** III

### IATA

**UN-No** 3267  
**Proper shipping name** CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (AMINOETHYLPIPERAZINE SOLUTION)  
**Hazard Class** 8 (Corrosive)

NFPA	HMIS	PPE	Transport Symbol						
	<table><tr><td></td><td>3</td></tr><tr><td></td><td>1</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>		3		1	Reactivity	0		
	3								
	1								
Reactivity	0								

**Prepared by**

Magnolia Advanced Materials, Inc.  
5547 Peachtree Blvd.  
Chamblee, GA 30341

**Revision date**

October 28, 2013

**Revision note**

No information available.

**Disclaimer**

This product is intended to be used as a printing fluid. The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS